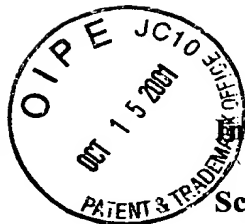


CAU 2176

DOCKET NO.: MSFT-0572/160077.1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re Application of:

Scott Wiltamuth et al.

Serial No.: 09/900,111

Group Art Unit: 2176

Filing Date: July 5, 2001

Examiner: Not Yet Assigned

For: **SYSTEM AND METHODS FOR PROVIDING VERSIONING OF SOFTWARE COMPONENTS IN A COMPUTER PROGRAMMING LANGUAGE**

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Thomas E. Watson

TYPED NAME: Thomas E. Watson
REGISTRATION NO.: 43,243

Assistant Commissioner for Patents
Washington DC 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).



In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

- ☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
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- ☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).
- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:

- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed .
- ☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

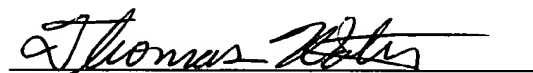
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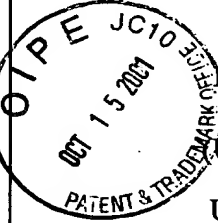
There are no listed references which are not in the English language.

Date:

10/9/01


Thomas E. Watson
Registration No. 43,243

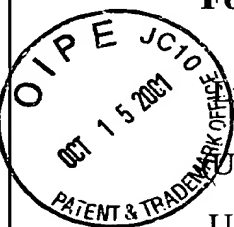
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 <p>Form PTO-1449 Modified</p> <p>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce Patent and Trademark Office</p>		Docket No. MSFT-0572/160077.1	Serial No. 09/900,111
		Applicant Scott Wiltamuth et al.	
		Filing Date July 5, 2001	Group 2176
<p>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</p>			
AA	Bendix, L., et al., "CoEd - A Tool for Versioning of Hierarchical Documents," System Configuration Management, Boris Magnusson (Ed.), <i>ECOOP 98 SCM-8 Symposium</i> , Brussels, Belgium, <i>Springer</i> , July 20-21, 1998, 173-187		
AB	Biglari-Abhari, M., et al., "Improving binary compatibility in VL1W machines through compiler assisted dynamic rescheduling," <i>IEEE</i> , 2000, 386-393		
AC	Bratsberg, S.E., "Unified class evolution by object-oriented views," 11 th International Conference on the Entity-Relationship Approach, Pernul, G., et al. (Eds.), Karlsruhe, Germany, <i>Springer-Verlag</i> , October 7-9, 1992, 423-439		
AD	Clamen, S. et al., "Schema Evolution and Integration", <i>Distributed and Parallel Databases</i> , 1994, 2, 101-125		
AE	Conradi, R. et al., "Change-oriented versioning: Rationale and evaluation", <i>Software Engineering and Its Applications - Proceedings: Third International Workshop</i> , December 3-7, 1990, 1, 97-109		
AF	Conradi, R. et al., "Version Models for Software Configuration Management", <i>ACM Computing Surveys</i> , June 1998, 30:2, 232-282		
AG	De Castro, C. et al., "Schema Versioning for Multitemporal Relational Databases", <i>Information Systems</i> , 1997, 22:5, 249-290		
AH	Drossopoulou, S. et al., "A Fragment Calculus- towards a model of separate compilation, linking and binary compatibility", <i>IEEE - Proceedings: 14th Symposium on Logic in Computer Science</i> , July 2-5, 1999, Trento, Italy, 147-156		
AI	Franconi, E. et al., "A Semantic Approach for Schema Evolution and Versioning in Object-Oriented Databases", <i>Computational Logic - CL 2000: First International Conference</i> , July 24-28, 2000, London, UK, J. Lloyd et al. (Eds.), 1048-1062		
AJ	Gal, A. et al., "A Multiagent Update Process in a Database with Temporal Data Dependencies and Schema Versioning", <i>IEEE Transactions on Knowledge and Data Engineering</i> , January/February 1998, 10:1, 21-37		
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 <p>Form PTO-1449 Modified</p> <p>Index of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce Patent and Trademark Office</p>		Docket No. MSFT-0572/160077.1	Serial No. 09/900,111
		Applicant Scott Wiltamuth et al.	
		Filing Date July 5, 2001	Group 2176
<p style="text-align: right;">RECEIVED OCT 19 2001 Technology Center 2100</p> <p>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</p>			
	AK	Goldstein, T. C. et al, "The Object Binary Interface - C++ Objects for Evolvable Shared Class Libraries", <i>Proceedings of the 1994 USENIX C++ Conference</i> , April 11-14, 1994, Cambridge, MA, 1-19	
	AL	Lewine, D.A., "Certifying Binary Applications", <i>Proceedings of the Spring 1992 EurOpera & USENIX Workshop</i> , April 6-9, Jersey, Channel Islands, 25-32	
	AM	Oiwa, Y. et al., "Extending Java Virtual Machine with Integer-Reference Conversion", <i>Concurrency: Practice and Experience</i> , May, 2000, 12:6, 407-22	
	AN	Oussalah, C. et al., "Complex Object Versioning", <i>Advanced Information Systems Engineering: 9th International Conference</i> , June 16-20, 1997, 259-272	
	AO	Proper, H.A., "Data schema design as a schema evolution process", <i>Data & Knowledge Engineering</i> , 1997, 22, 159-189	
	AP	Roddick, J. F. "A Survey of schema versioning issues for database systems", <i>Information and Software Technology</i> , 1995, 37:7, 383-393	
	AQ	Rose, E. et al., "Schema versioning in a temporal object-oriented data model", <i>International Journal on Artificial Intelligence Tools</i> , 1998, 7:3, 293-318	
	AR	Tsotras, V. et al., "Optimal Versioning of Objects", <i>Eighth International Conference on Data Engineering</i> , February 2-3, 1992, Tempe, AZ, 358-365	
	AS	Urtado, C. et al., "Complex Entity Versioning at Two Granularity Levels", <i>Information Systems</i> , February 12, 1998, 23:3/4, 197-216	
	AT	Wieczerzycki, W. et al., "Advanced versioning mechanisms supporting CSCW environments", <i>Journal of Systems Architecture</i> , 1997, 43, 215-227	
EXAMINER		DATE CONSIDERED	